

## ABSTRACT

A window manager has a frame window, with one or more pane windows. Each pane window has a viewing area that is used to display an application. If the application running in the viewing area cannot be fully viewed, a scroll bar and scroll keys are provided to enable the user to scroll through the entire application. The user can quickly and easily create and remove pane windows within the frame window. Pane windows are created by splitting an existing pane window either vertically or horizontally, with the two new split pane windows occupying the space of the original pane window. When a pane window is closed, one or more of the remaining pane windows are maximized to occupy its space. Accordingly, the window manager enables the pane windows to be dynamically and simultaneously presented to a user. The pane windows do not interfere with one another, and are arranged to maximize the space available in that frame window.